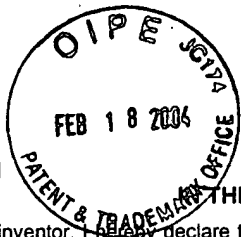


FOR UTILITY
ORIGINAL
DECLARATION



RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
TO THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the **INVENTION ENTITLED METHOD OF FORMING A METAL LAYER USING AN INTERMITTENT PRECURSOR GAS FLOW PROCESS**, the specification of which was filed on September 30, 2003 as U.S. Application No. .

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)

| Number | Country | Filed | Date First Laid Open Or Published | Date Patented or Granted | Priority Claimed |
|--------|---------|-------|--------------------------------------|-----------------------------|---------------------|
| | | | | | |

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)

| Application Number | Filed | Status pending, abandoned, patented | Priority Claimed |
|--------------------|-------|--|------------------|
| | | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Winthrop LLP, Intellectual Property Group, (to whom all communications are to be directed), and persons of that firm who are associated with USPTO Customer No. 00909 individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete from that Customer No. names of persons no longer with their firm, to add new persons of their Firm to that Customer No., and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or an attorney of that Firm in writing to the contrary.

Power of Attorney to Customer Number

00909

INVENTOR'S SIGNATURE:

Hideaki Yamasaki

Date:

11.10.2003

| | | | |
|-----------------|--|-----------------------|------------------------|
| Name | HIDEAKI | | YAMASAKI |
| | First | Middle Initial | Family Name |
| Residence | Kofu-City, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | B-2-1, 17-44 Shinden-cho, Kofu-City, Yamanashi 400-0066, JAPAN | | |

INVENTOR'S SIGNATURE:

Tsukasa Matsuda

Date:

11.10.2003

| | | | |
|-----------------|---|-----------------------|------------------------|
| Name | TSUKASA | | MATSUDA |
| | First | Middle Initial | Family Name |
| Residence | Kitakoma-gun, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 2770-43 Ryuchi, Futaba-cho, Kitakoma-gun, Yamanashi 407-0104, JAPAN | | |

INVENTOR'S SIGNATURE:

Date:

*Atsushi Gomi**11.10.2003*

| | | | |
|-----------------|--|-----------------------|------------------------|
| Name | ATSUSHI | | GOMI |
| | First | Middle Initial | Family Name |
| Residence | Kitakoma-gun, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 3114 Ogasahara Akeno-mura, Kitakoma-gun, Yamanashi 407-0202, JAPAN | | |

INVENTOR'S SIGNATURE:

Date:

*Tatsuo Hatano**11.6.2003*

| | | | |
|-----------------|---|-----------------------|------------------------|
| Name | TATSUO | | HATANO |
| | First | Middle Initial | Family Name |
| Residence | Ryuo-City, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 1630-45 Ryuoshiin-machi, Ryuo-City, Nakakoma-gun, Yamanashi 400-0111, JAPAN | | |

INVENTOR'S SIGNATURE:

Date:

*Mitsuhira Tachibana**11.12.2003*

| | | | |
|-----------------|--|-----------------------|------------------------|
| Name | MITSUHIRO | | TACHIBANA |
| | First | Middle Initial | Family Name |
| Residence | Nakakoma-gun | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 461-1 Manzai Ryuo-cho, Nakakoma-gun, Yamanashi 400-0114, JAPAN | | |

INVENTOR'S SIGNATURE:

Date:

*Koumei Matsuzawa**11.13.2003*

| | | | |
|-----------------|--|-----------------------|------------------------|
| Name | KOUMEI | | MATSUZAWA |
| | First | Middle Initial | Family Name |
| Residence | Nirasaki-City, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 1180-28-419 Kitagejo, Nirasaki-City, Yamanashi 407-0192, JAPAN | | |

INVENTOR'S SIGNATURE:

Date:

*Yumiko Kawano**11.26.2003*

| | | | |
|-----------------|--|-----------------------|------------------------|
| Name | YUMIKO | | KAWANO |
| | First | Middle Initial | Family Name |
| Residence | Kofu-City, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | Coop. YR-103, Iwakubo-cho 60-1, Kofu-City, Yamanashi 400-0013, JAPAN | | |

INVENTOR'S SIGNATURE:

Date:

| | | | |
|-----------------|---|-----------------------|------------------------|
| Name | GERT | J | LEUSINK |
| | First | Middle Initial | Family Name |
| Residence | Saltpoint | NY | NETHERLANDS |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 1117 Netherwood Road, Saltpoint, NY 12578 | | |

| | | | |
|-----------------------|--|-----------------------|------------------------|
| INVENTOR'S SIGNATURE: | | Date: | |
| Name | ATSUSHI | | GOMI |
| | First | Middle Initial | Family Name |
| Residence | Kitakoma-gun, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 3114 Ogasahara Akeno-mura, Kitakoma-gun, Yamanashi 407-0202, JAPAN | | |

| | | | |
|-----------------------|---|-----------------------|------------------------|
| INVENTOR'S SIGNATURE: | | Date: | |
| Name | TATSUO | | HATANO |
| | First | Middle Initial | Family Name |
| Residence | Ryuo-City, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 1630-45 Ryuoshiin-machi, Ryuo-City, Nakakoma-gun, Yamanashi 400-0111, JAPAN | | |

| | | | |
|-----------------------|--|-----------------------|------------------------|
| INVENTOR'S SIGNATURE: | | Date: | |
| Name | MITSUHIRO | | TACHIBANA |
| | First | Middle Initial | Family Name |
| Residence | Nakakoma-gun | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 461-1 Manzai Ryuo-cho, Nakakoma-gun, Yamanashi 400-0114, JAPAN | | |

| | | | |
|-----------------------|--|-----------------------|------------------------|
| INVENTOR'S SIGNATURE: | | Date: | |
| Name | KOUMEI | | MATSUZAVA |
| | First | Middle Initial | Family Name |
| Residence | Nirasaki-City, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 1180-28-419 Kitagejo, Nirasaki-City, Yamanashi 407-0192, JAPAN | | |

| | | | |
|-----------------------|--|-----------------------|------------------------|
| INVENTOR'S SIGNATURE: | | Date: | |
| Name | YUMIKO | | KAWANO |
| | First | Middle Initial | Family Name |
| Residence | Kofu-City, Yamanashi | JAPAN | JAPAN |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | Coop. YR-103, Iwakubo-cho 60-1, Kofu-City, Yamanashi 400-0013, JAPAN | | |

| | | | |
|-----------------------|---|-----------------------|------------------------|
| INVENTOR'S SIGNATURE: | | Date: | |
| Name | GERT | J | LEUSINK |
| | First | Middle Initial | Family Name |
| Residence | Saltpoint | NY | NETHERLANDS |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 1117 Netherwood Road, Saltpoint, NY 12578 | | |

INVENTOR'S SIGNATURE: *1st R. M. J.* Date: *12/2/2003*

| | | | |
|-----------------|------------------------------------|-----------------------|------------------------|
| Name | FENTON | R | MCFEELY |
| | First | Middle Initial | Family Name |
| Residence | Ossining | NY | USA |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 25 Donald Lane, Ossining, NY 10562 | | |

INVENTOR'S SIGNATURE: *Sandra J. Malhotra* Date: *11/12/2003*

| | | | |
|-----------------|---|-----------------------|------------------------|
| Name | SANDRA | G. | MALHOTRA |
| | First | Middle Initial | Family Name |
| Residence | Beacon | NY | USA |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 478 Main, Beacon, NY 12508 <i>96 ROXBURY AVE 19M</i> | | |

INVENTOR'S SIGNATURE: *Andrew H. Simon* Date: *11/13/2003*

| | | | |
|-----------------|---|-----------------------|------------------------|
| Name | ANDREW | H | SIMON |
| | First | Middle Initial | Family Name |
| Residence | Fishkill | NY | USA |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 269 Crestwood Court, Fishkill, NY 12524 | | |

INVENTOR'S SIGNATURE: _____ Date: _____

| | | | |
|-----------------|------------------------------------|-----------------------|------------------------|
| Name | JOHN | J | YURKAS |
| | First | Middle Initial | Family Name |
| Residence | Stamford | CT | USA |
| | City | State/Foreign Country | Country of Citizenship |
| Mailing Address | 94 Haig Avenue, Stamford, CT 06905 | | |

Atty. Dkt. No. 071469-0305915

INVENTOR'S SIGNATURE:

K. R. McFeely

Date:

11/12/2003

| | | | | |
|-----------------|------------------------------------|-------|----------------|-------------|
| Name | FENTON | First | Middle Initial | Family Name |
| Residence | Ossining | NY | USA | |
| Mailing Address | 25 Donald Lane, Ossining, NY 10562 | | | |

INVENTOR'S SIGNATURE:

Sandra J. Malhotra

Date:

11/12/2003

| | | | | |
|-----------------|---|----|----------|--|
| Name | SANDRA | G. | MALHOTRA | |
| Residence | Beacon | NY | USA | |
| Mailing Address | 478 Main, Beacon, NY 12508 <i>96 ROXBURY AVE</i> | | | |

INVENTOR'S SIGNATURE:

Andrew H. Simon

Date:

| | | | | |
|-----------------|---|----|-------|--|
| Name | ANDREW | H | SIMON | |
| Residence | Fishkill | NY | USA | |
| Mailing Address | 269 Crestwood Court, Fishkill, NY 12524 | | | |

INVENTOR'S SIGNATURE:

John J. Yurkas

Date:

11/12/2003

| | | | | |
|-----------------|------------------------------------|----|--------|--|
| Name | JOHN | J | YURKAS | |
| Residence | Stamford | CT | USA | |
| Mailing Address | 94 Haig Avenue, Stamford, CT 06905 | | | |

Atty. Dkt. No. 071469-0305915